SEQUENCE LISTING

<110> ELI LILLY AND COMPANY

<120> INSULIN ANALOGS HAVING PROTRACTED TIME ACTION

<130> X-16270M

<150> US 60/466,501
<151> 2003-04-29

<150> US 60/466,500
<151> 2003-04-29

<150> US 60/470,118
<151> 2003-05-13

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<170> PatentIn version 3.2

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<222> (1)..(22)
<223> Amino acid sequence of the A-chain of A0ArgA21GlyB31ArgB32Arg-human insulin and A0ArgA21GlyB29ArgB31Arg B32Lys-human insulin.

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Arg Gly Ile Val Glu Gln Cys Cys Thr Ser Ile Cys Ser Leu Tyr Gln
1 5 10 15

Leu Glu Asn Tyr Cys Gly
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Phe Val Asn Gln His Leu Cys Gly Ser His Leu Val Glu Ala Leu Tyr
1 5 10 15

Leu Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro Lys Thr Arg Arg
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Gly Ile Val Glu Gln Cys Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu
1 5 10 15

Glu Asn Tyr Cys Asn
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<210> 4
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Leu Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro Lys Thr
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<210> 5
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<400> 5

Phe Val Asn Gln His Leu Cys Gly Ser His Leu Val Glu Ala Leu Tyr
1 5 10 15

Leu Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro Arg Thr Arg Lys
20 25 30